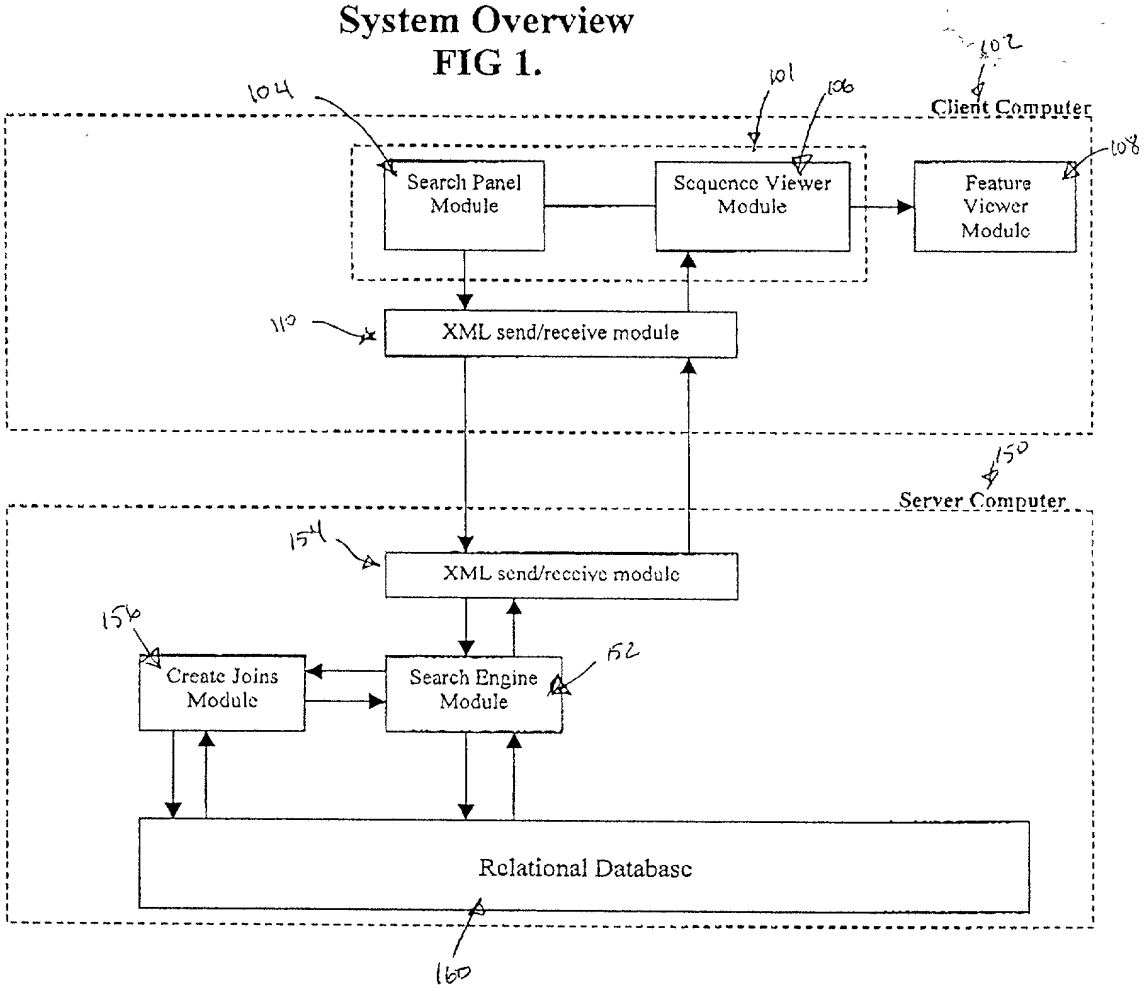
**System Overview**
**FIG 1.**




09861.0014-00000

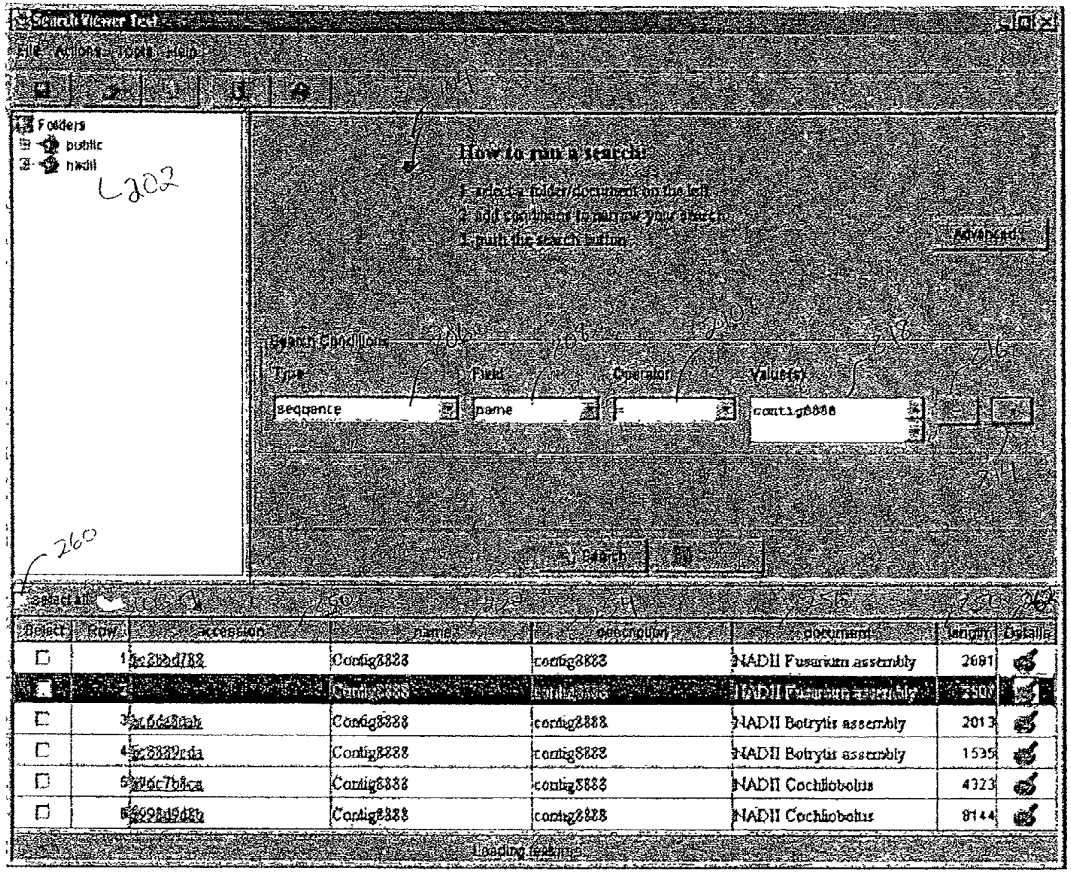
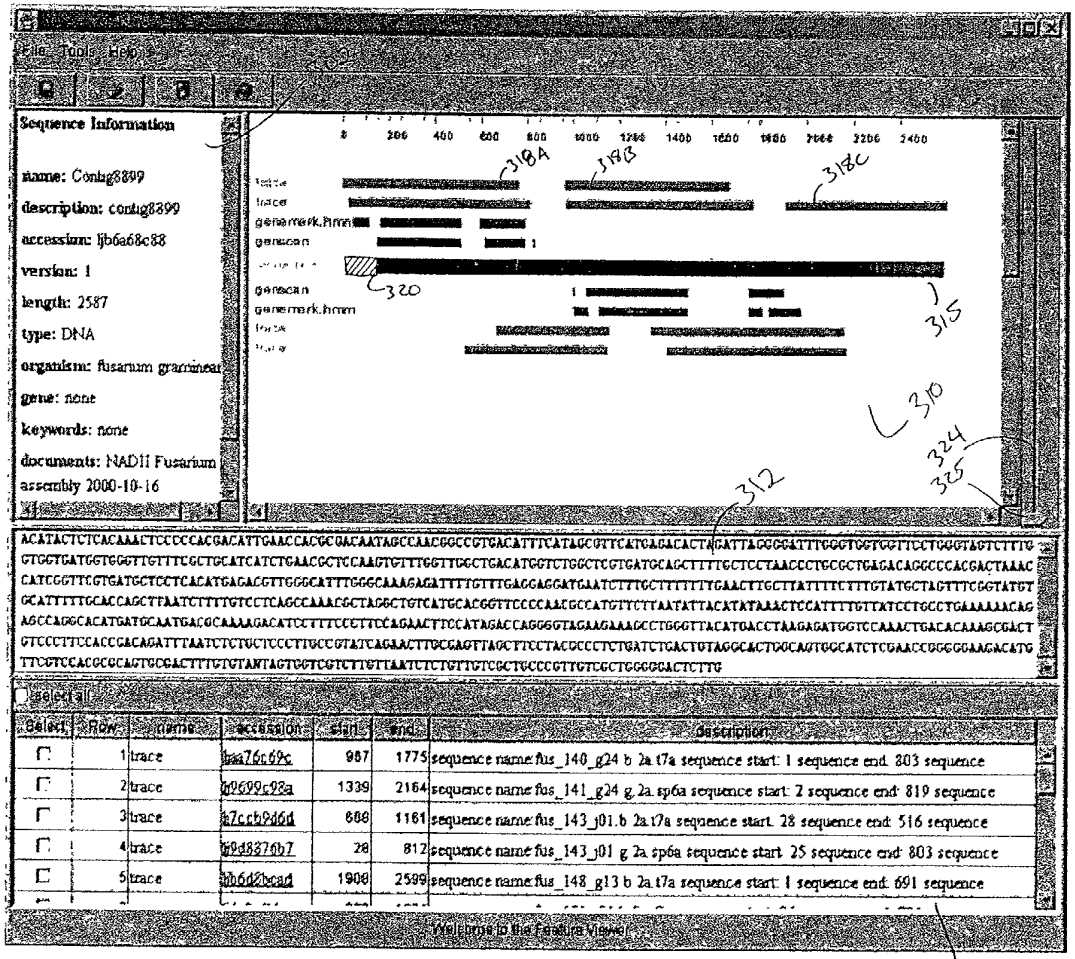

Search Viewer Test
File Actions Tools Help
Folders
public
hadil
How to run a search:
1. select a folder/document on the left
2. add conditions to narrow your search
3. push the search button
Advanced
Search Conditions
Type
Field
Operator
Value(s)
sequence
name
=
contig8888
Search
Select all
Reset
Select
Row
Accession
name
contig(uid)
Document
length
Details
Contig8888
contig8888
HADII Fusarium assembly
2691
Contig8888
contig8888
HADII Fusarium assembly
2500
Contig8888
contig8888
HADII Botrytis assembly
2013
Contig8888
contig8888
HADII Botrytis assembly
1535
Contig8888
contig8888
HADII Cochliobolus
4323
Contig8888
contig8888
HADII Cochliobolus
8144
Loading finished

Fig. 2


File Tools Help
Sequence Information
name: Contig8899
description: contig8899
accession: ljb6a68c88
version: 1
length: 2587
type: DNA
organism: fusarium graminear
gene: none
keywords: none
documents: NADII Fusarium
assembly 2000-10-16
trace
genemark.hmm
genscan
ACATACTCTCACAAACTCCCCCACGACATTGAACCACGCGACAATAGCCAACGGCCGTGACATTTCATAGCGTTCATGAGACACTAGATTACGGCATTTCGGTGGTCGTTCCTGGGTAGTCTTTG
GTGGTGATGGTGGGTTGTTTCGCTGCATCATCTGAACGCTCCAAGTGTTTGGTTGGCTGACATGGTCTGGCTCGTGATGCAGCTTTTGCTCCTAACCCTGCGCTGAGACAGCCCCACGACTAAAC
CATCGGTTTGTGATGCTCCTCACATGAGACGTTGGGCATTTGGGCAAAGAGATTTTGTTTGAGCAGGATGAATCTTTGCTTTTTTTGAACTTGCTTATTTTCTTTGTATGCTAGTTTCGGTATGT
GCATTTTTGCACCAGCTTAATCTTTTGTCCTCAGCCAAACGCTAGGCTGTCATGCACGGTTCCCCAACGCCATGTTCTTAATATTACATATAAACTCCATTTTGTTATCCTGCCTGAAAAAACAG
AGCCAGGCACATGATGCAATGACGCAAAAGACATCCTTTCCCTTCCAGAACTTCCATAGACCAGGGGTAGAAGAAAGCCTGGGTTACATGACCTAAGAGATGGTCCAAACTGACACAAAGCGACT
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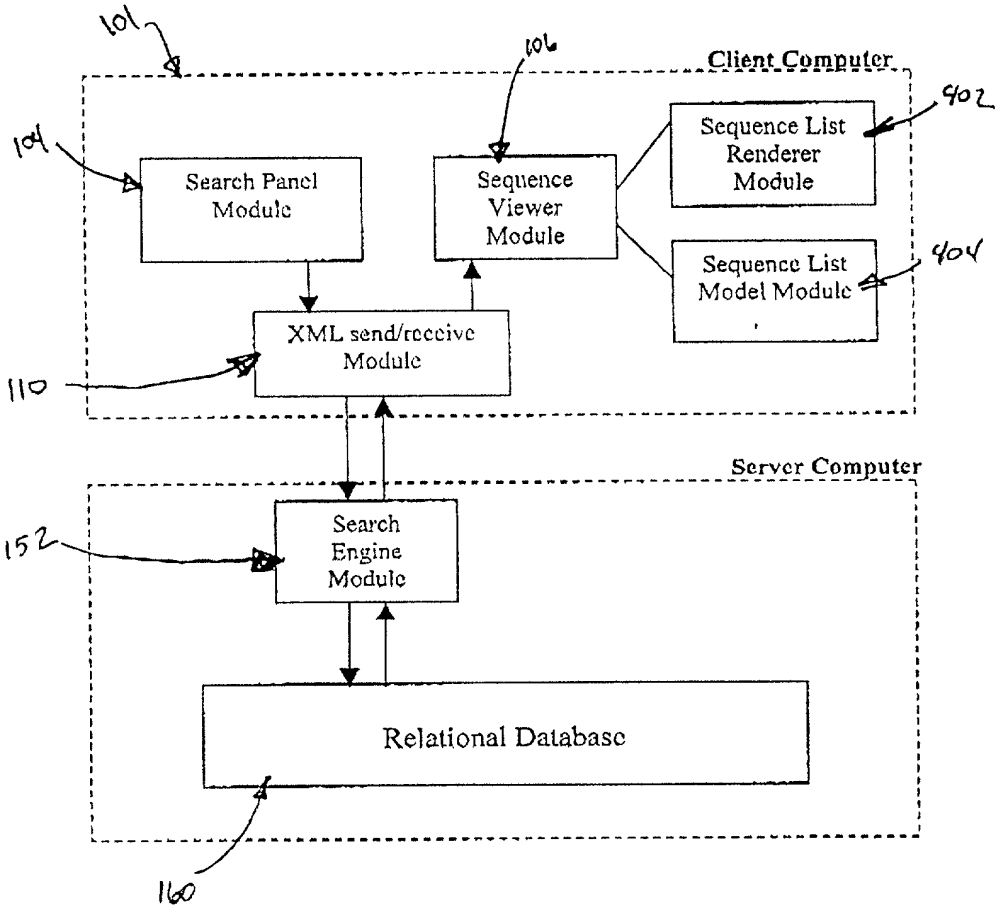
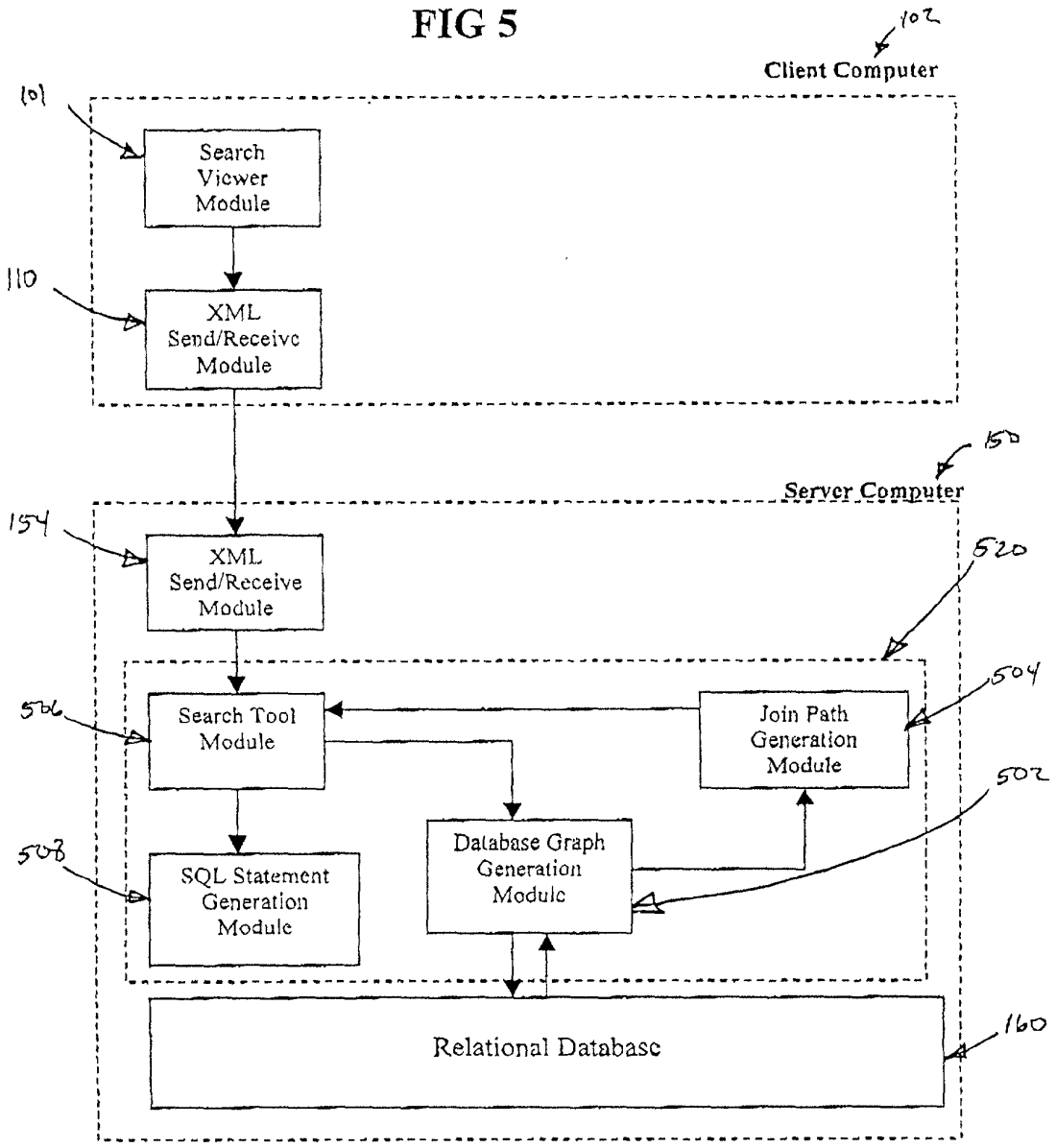
TTCGTCCACGCGCAGTGCGACTTTTGTGTAATAGTGGTCGTCTTGTTAATCTCTGTTGTCGCTGCCCGTTGTCGCTGGGGCACTCTTG
select all
Select | Row | name | accession | start | end | description
1 trace baa76c69c 987 1775 sequence name:fus_140_g24 b 2a.t7a sequence start: 1 sequence end: 803 sequence
2 trace b9699c98a 1339 2164 sequence name:fus_141_g24 g 2a.sp6a sequence start: 2 sequence end: 819 sequence
3 trace a7ccb9d6d 668 1161 sequence name:fus_143_j01.b 2a.t7a sequence start: 28 sequence end: 516 sequence
4 trace b9d8876b7 28 812 sequence name:fus_143_j01 g 2a.sp6a sequence start: 25 sequence end: 803 sequence
5 trace 9b6d2bcad 1908 2599 sequence name:fus_148_g13 b 2a.t7a sequence start: 1 sequence end: 691 sequence
Welcome to the Feature Viewer
318A
318B
318C
320
315
310
324
325
312
330
106

Fig. 3

# Search Viewer Modules
# FIG 4

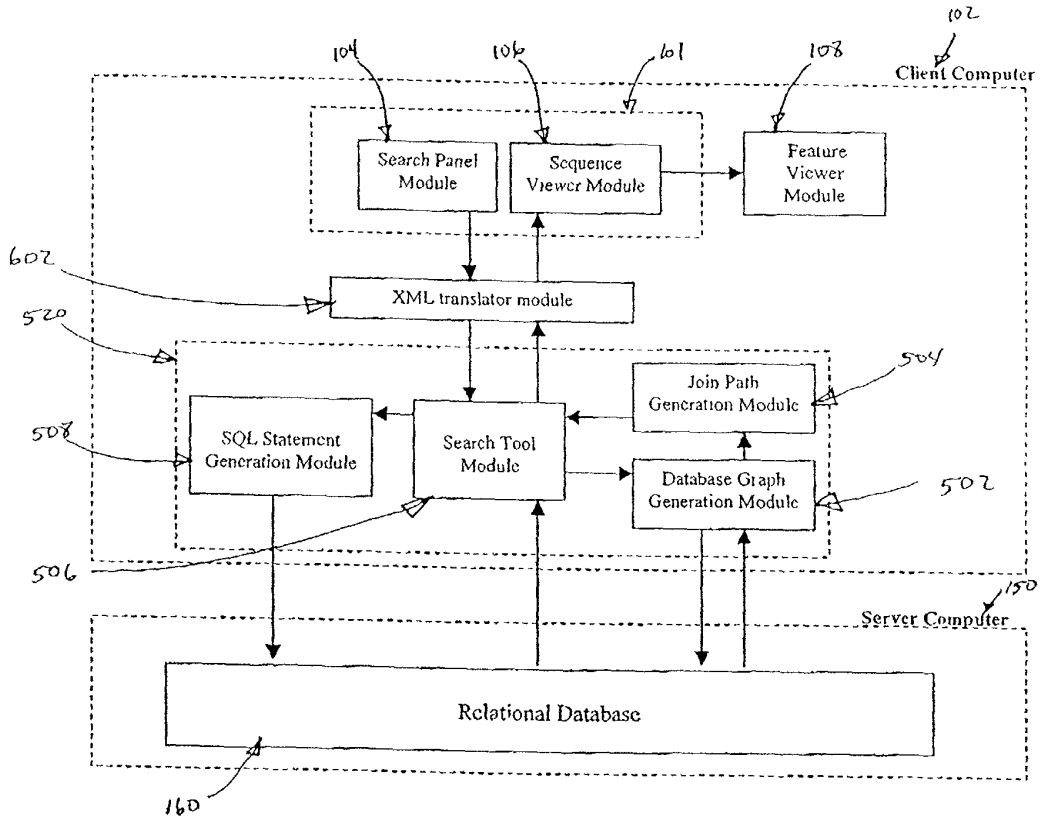
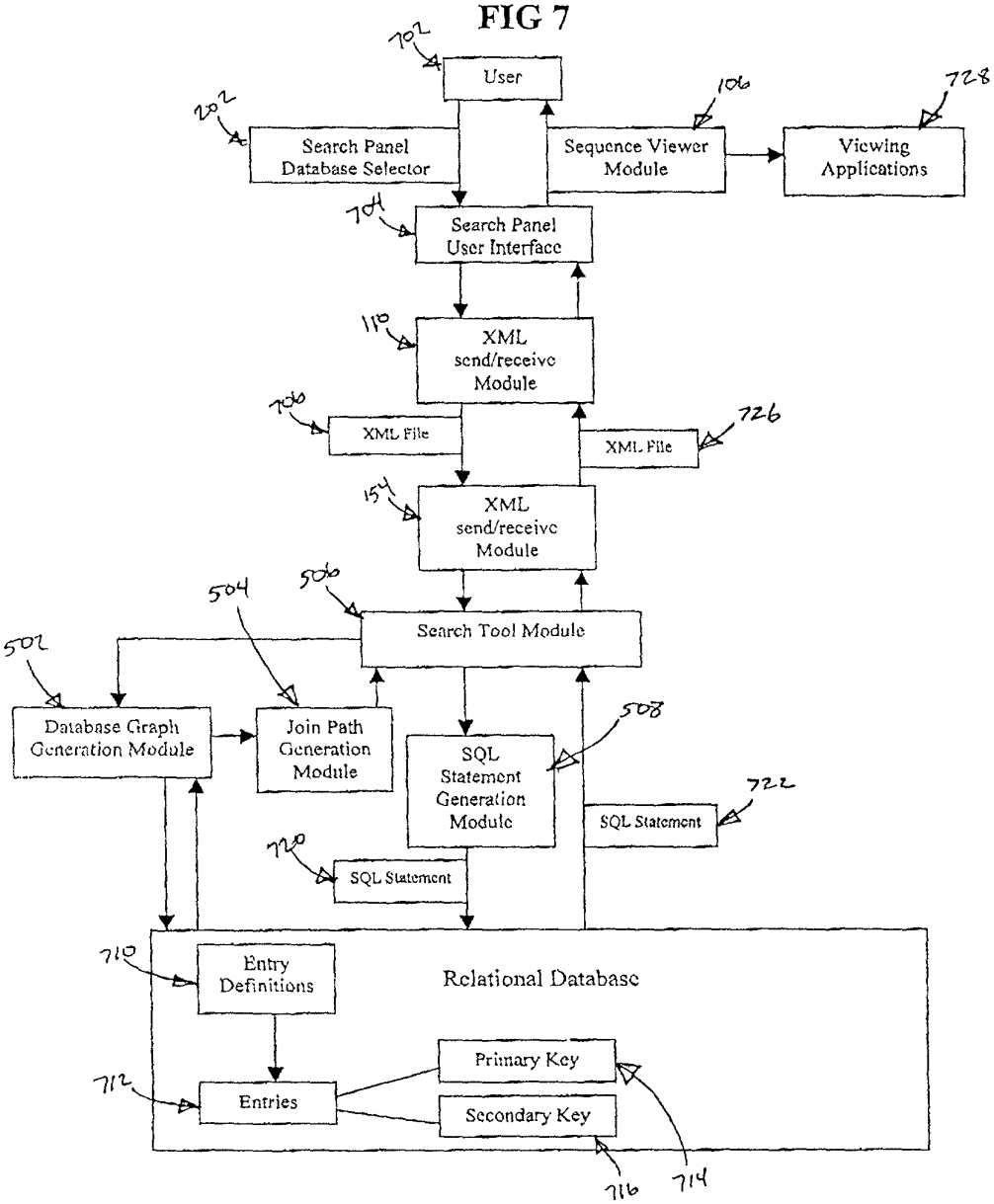


# Search Engine Modules
# FIG 5




Google Exhibit 1004

**Publicly Accessible Database Embodiment**
**FIG 6**



# Process Flow Diagram
## FIG 7